

Sub D1
C1
3. A foam block concrete form comprising:

a pair of opposing foam panels spaced parallel from each other, each panel having at least one substantially planar rectangular segment having at least one pair of opposing longitudinal edges;

engaging means formed along the at least one pair of opposing longitudinal edges for removably retaining a longitudinal edge having similar engaging means formed therealong when adjacent thereto; and

a plurality of substantially planar ties positioned transverse to and between the pair of opposing foam panels, each tie including a web portion separating a pair of opposing flange members encapsulated within respective opposing foam panels along a respective lateral panel axis.

Please add the following new claims 39-46:

C2
Sub D2
39. A foam block concrete form comprising:

a pair of opposing foam panels spaced apart in a substantially parallel relationship, each panel including at least one pair of opposing longitudinal edges;

a plurality of ties extending between and connecting the foam panels;

a plurality of teeth positioned along each of the longitudinal edges;

a plurality of sockets defined by the teeth forming a configuration of teeth and sockets operable to permit the stacking of foam blocks both upon and below adjacent blocks, which have a substantially identical configuration of teeth and sockets.

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40. The form according to claim 39 wherein the configuration of teeth and sockets is further operable to permit the stacking of the foam blocks both upon and below adjacent blocks having a substantially identical configuration of teeth and sockets regardless of both vertical orientation and longitudinal orientation relative to longitudinal and vertical axes, respectively, of the foam blocks.

And 2.7
41. The form according to claim 39 wherein the teeth are substantially uniform, the sockets are substantially uniform, and the configuration of teeth and sockets comprise two rows of teeth with each tooth being spaced apart from adjacent teeth of the same row by a socket.

42. The form according to claim 39 wherein the teeth are substantially uniform, the sockets are substantially uniform, and the configuration of teeth and sockets comprises two rows of teeth with each tooth being spaced apart from adjacent teeth of the same row by a socket, and the rows are offset from each other by a distance of one side of one tooth.

43. A building structure including a plurality of concrete forms, a plurality of rebar members extending through the forms, concrete poured into the forms, and at least one concrete form comprising:

a pair of opposing foam panels spaced apart in a substantially parallel relationship, each panel including at least one pair of opposing longitudinal edges;

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a plurality of ties extending between and connecting the foam panels;
a plurality of teeth positioned along each of the longitudinal edges;
a plurality of sockets defined by the teeth forming a configuration of teeth and sockets operable to permit the stacking of foam blocks both upon and below adjacent blocks, which have a substantially identical configuration of teeth and sockets.

44. A method of construction comprising:
assembling a plurality of concrete forms, at least one including a pair of opposing foam panels spaced apart in a substantially parallel relationship, each panel including:
at least one pair of opposing longitudinal edges;
a plurality of ties extending between and connecting the foam panels;
a plurality of teeth positioned along each of the longitudinal edges;
a plurality of sockets defined by the teeth forming a configuration of teeth and sockets operable to permit the stacking of foam blocks both upon and below adjacent blocks having a substantially identical configuration;
stacking the concrete forms to make a desired floor plan;
positioning rebar in the forms; and
introducing concrete between the forms.

45. The method according to claim 44 further comprising cutting at least one of the forms parallel to a vertical axis and stacking both pieces.